

including a plurality of pixel luminescent layers respectively provided on or above the predetermined pixel electrodes; and

forming a counter electrode opposing the pixel electrodes,

the formation of said at least one luminescent layer being performed by means of an ink-jet method so that a thus formed luminescent layer can be used as a substantially final pattern in which the respective pixel luminescent layers of the luminescent layer have a predetermined shape and are arranged in a predetermined order.

2. (Amended) The method of manufacturing an organic EL device as claimed in claim 1, the organic compound being a polymer organic compound.

3. (Twice Amended) The method of manufacturing an organic EL element as claimed in claim 2, the polymer organic compound being a material having functions of hole injection and hole transfer.

4. (Twice Amended) The method of manufacturing an organic EL device as claimed in claim 2, the polymer organic compound being a polyparaphenylene vinylene or its derivative or a copolymer which contains at least either one of these compounds.

5. (Three Times Amended) The method of manufacturing an organic EL device as claimed in claim 1, said at least one luminescent layer includes three types of luminescent layers having different colors, and wherein at least two types of luminescent layers in the three types of luminescent layers being formed by patterning by means of the ink-jet method.

6. (Twice Amended) The method of manufacturing an organic EL device as claimed in claim 5, said different colors include red, green and blue, and the red luminescent layer and the green luminescent layer being formed by patterning by means of the ink-jet method.

7. (Amended) The method of manufacturing an organic EL device as claimed in claim 6, the blue luminescent layer being formed by a vacuum deposition method.

8. (Twice Amended) The method of manufacturing an organic EL device as claimed in claim 7, the blue luminescent layer being made of a material having functions of electron injection and electron transfer.

9. (Three Times Amended) The method of manufacturing an organic EL device as claimed in claim 1, said at least one luminescent layer being formed on or above a hole injection and transfer layer.

11. (Three Times Amended) The method of manufacturing an organic EL device as claimed in claim 1, further comprising the step of forming on or above said substrate electrodes for driving the respective pixels.

12. (Twice Amended) The method of manufacturing an organic EL device as claimed in claim 1, said pixel electrodes being transparent pixel electrodes.

13. (Twice Amended) An organic EL device, comprising:
a substrate;
pixel electrodes provided on or above the substrate;
at least one luminescent layer, each of which includes a plurality of pixel luminescent layers respectively formed on or above predetermined pixel electrodes and each of which has a certain color and is made of an organic compound, the luminescent layers being formed on or above the pixel electrodes by patterning by means of an ink-jet system so that a thus formed luminescent layer can be used as a final pattern in which the respective pixel luminescent layers of the luminescent layer have a predetermined shape and are arranged in a predetermined order; and

a counter electrode formed on or above the luminescent layers.

14. (Amended) The organic EL device, as claimed in claim 13, the organic compound being a polymer organic compound.

15. (Twice Amended) The organic EL device as claimed in claim 14, the polymer organic compound being a material having functions of hole injection and hole transfer.

16. (Twice Amended) The organic EL device as claimed in claim 14, wherein the polymer organic compound being a polyparaphenylene vinylene or its derivative or a copolymer which contains at least either one of these compounds.

17. (Three Times Amended) The organic EL device as claimed in claim 13, said at least one luminescent layer comprises three luminescent layers having different colors, and at least two luminescent layers in the three luminescent layers being formed by patterning by means of an ink-jet method.

18. (Twice Amended) The organic EL device as claimed in claim 17, said different colors include red, green and blue, and the red luminescent layer and the green luminescent layer being patterned by means of the ink-jet method.

19. (Twice Amended) The organic EL device as claimed in claim 13, wherein the blue luminescent layer is formed by a vacuum deposition method.

20. (Twice Amended) The organic EL device as claimed in claim 19, the blue luminescent layer being made of a material having functions of electron injection and electron transfer.

21. (Three Times Amended) The organic EL device as claimed in claim 13, said at least one luminescent layer being formed on or above a material having functions of electron injection and electron transfer.

22. (Three Times Amended) The organic EL device as claimed in claim 13, further comprising a protective film formed on or above the counter electrode.

23. (Twice Amended) The organic EL device as claimed in claim 13, said pixel electrodes being transparent pixel electrodes.

24. (Twice Amended) A display comprising the organic EL device as claimed in claim 23.

25. (Amended) A method of manufacturing an organic EL device, comprising the steps of:

forming pixel electrodes on or above a substrate;

forming three types of luminescent layers on or above said pixel electrodes by patterning, each of said luminescent layers having a certain color and made of an organic compound, and including respectively a plurality of pixel luminescent layers formed on or above predetermined pixel electrodes; and

forming a counter electrode opposing the pixel electrodes,

the formation of at least two of the luminescent layers being performed by means of an ink-jet method so that thus formed luminescent layers can be used as a substantially final pattern in which the respective pixel luminescent layers of the luminescent layers have substantially a predetermined shape and are arranged in a predetermined order.

26. (Amended) The method as claimed in claim 25, said three luminescent layers have three different colors, respectively, and at least two luminescent layers in the three luminescent layers being formed by patterning by means of the ink-jet method.

27. (Amended) The method as claimed in claim 26, said three different colors include red, green and blue, and the red luminescent layer and the green luminescent layer being patterned by means of the ink-jet method.

28. (Amended) The method as claimed in claim 27, the blue luminescent layer being formed by a vacuum deposition method.

29. (Amended) The method as claimed in claim 27, the blue luminescent layer being formed by means of the ink-jet method.

30. (Amended) A method of manufacturing an organic EL device, comprising the steps of:

forming pixel electrodes on or above a substrate;

forming a first luminescent layer having a first color and made of a first organic compound on or above first predetermined pixel electrodes by patterning; and

forming a counter electrode opposing the pixel electrodes,

the formation of said first luminescent layer being performed by means of an ink-jet method so that thus formed luminescent layer can be used as a substantially final pattern in which the luminescent layer on or above the predetermined pixel electrodes has substantially a predetermined shape and is arranged in a predetermined order.

31. (Amended) The method as claimed in claim 30, further comprising a step of forming a second luminescent layer having a second color which is different from the first color and made of a second organic compound on or above second predetermined pixel electrodes in the pixel electrodes, respectively, by patterning,

the formation of said second luminescent layer is performed by means of the ink-jet method so that thus formed second luminescent layer can be used as a final pattern in which the respective second luminescent layers on or above the respective second pixel electrodes have a predetermined shape and is arranged in a predetermined order.

32. (Amended) The method as claimed in claim 31, further comprising a step of forming third luminescent layer having a third color that is different from the first and second colors and made of a third organic compound on or above third predetermined pixel electrodes in the pixel electrodes, respectively, the formation of the third luminescent layer being carried out by the ink-jet method.

33. (Amended) The method as claimed in claim 31, further comprising a step of forming a third luminescent layer having a third color which is different from the first and second colors and made of a third organic compound on or above third predetermined pixel electrodes in the pixel electrodes, respectively, the formation of the third luminescent layers being carried out by a coating method.

34. (Amended) The method as claimed in claim 32, the first, second and third colors are red, green and blue, respectively.

35. (Amended) The method as claimed in claim 33, the first, second and third colors are red, green and blue, respectively.

36. (Amended) An organic EL device, comprising:
a substrate;
pixel electrodes provided on or above the transparent substrate, said pixel electrodes include first pixel electrodes, second pixel electrodes and third pixel electrodes that are arranged in a predetermined order;
first, second and third luminescent layers respectively formed on or above the first, second and third predetermined pixel electrodes, in which said first, second and third luminescent layers have first, second and third colors, respectively, and are made of first, second and third organic compounds, respectively, at least the first luminescent layer being formed on or above the first pixel electrodes by patterning by means of an ink-jet system so that thus formed first luminescent layer can be used as a final pattern in which the respective first luminescent layers on or above the first pixel electrodes have a predetermined shape and are arranged in a predetermined order; and
a counter electrode formed on or above the luminescent layers.

37. (Amended) The organic EL device as claimed in claim 36, the formation of said second luminescent layer being performed by means of the ink-jet system so that thus formed second luminescent layers can be used as a final pattern in which the respective luminescent layer on or above the respective second pixel electrodes have substantially a predetermined shape and are arranged in a predetermined order.

38. (Amended) The organic EL device as claimed in claim 36, the formation of the third luminescent layer being carried out by the ink-jet system.